

In the claims:

Claim 1 cancelled.

2. (Currently amended) ~~A system as defined in claim 1~~ A system for increasing the productivity of oil, gas and hydrogeological wells, comprising means for cutting slots only in a near well zone so as to perform a partial unloading of the well and to remove a part of support stresses; and means for cyclically treating well with a formation-treating substance so as to remove a remaining part of the support stresses, with controlling a density of a formation and correcting the cyclical treatment in correspondence with the density of the formation, wherein said slot cutting means is operative for slot cutting which includes cutting of slots only in a surrounding column, a cement layer, and a part of rock which immediately adjoins the well.

Claims 3-6 cancelled.

7. (Previously presented) A system as defined in claim 18, wherein said substance introducing means introduce the formation-treating substance which includes a solution of  $\text{NH}_2\text{SO}_4\text{H}$  with admixtures of anion active surface active substance or a mixture of anion active and non ionogenic surface active substance with concentration 0.2-0.4% and polyphosphate with concentration 0.1-0.2% or solution of  $\text{CH}_3\text{COCl}$  with

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concentration 6-2% with admixtures of anion active surface active substance or a mixture of anion active and non ionogenic surface active substance with concentration of 0.5-1% and a polyphosphates with concentration 0.1-0.2%, and the polyphosphates include  $\text{Na}_5\text{P}_3\text{O}_{10}$  and/or  $\text{Na}_2[\text{Na}_n(\text{PO}_3)_6]$ .

8. (Currently amended) ~~A system as defined in claim 1~~ A system for increasing the productivity of oil, gas and hydrogeological wells, comprising means for cutting slots only in a near well zone so as to perform a partial unloading of the well and to remove a part of support stresses; and means for cyclically treating well with a formation-treating substance so as to remove a remaining part of the support stresses, with controlling a density of a formation and correcting the cyclical treatment in correspondence with the density of the formation; and further comprising means for preparing the formation-treating substance directly in a well, and in an interval of a formation.

9. (Previously presented) A system as defined in claim 8, wherein said means for preparing the formation treating substance including means using chemical agents in a transporting package, delivering the transporting package with the agents into the formation, and removing the transporting package.

10. (Previously presented) A system as defined in claim 9, wherein said transporting package is a microcontainer formed as a capsule with soluble wall.

11. (Previously presented) A system as defined in claim 10, wherein said soluble wall is composed of a soluble polyesthylene film.

12. (Previously presented) Original) A system as defined in claim 10, wherein said microcontainer is composed of a binder, which is soluble in water without residues.

13. (Previously presented) A system as defined in claim 10, wherein said microcontainer has a shape selected of the group consisting of a ball shape and a cylinder shape.

14. (Currently amended) A system as defined in claim 4~~2~~, wherein said means include a surface equipment and an underground equipment.

15. (Currently amended) ~~A system as defined in claim 14~~ A system for increasing the productivity of oil, gas and hydrogeological wells, comprising means for cutting slots only in a near well zone so as to perform a partial unloading of the well and to remove a part of support stresses; and

means for cyclically treating well with a formation-treating substance so as to remove a remaining part of the support stresses, with controlling a density of a formation and correcting the cyclical treatment in correspondence with the density of the formation, wherein said means include a surface equipment and an underground equipment, wherein said surface equipment includes a fountain equipment, filters for cleaning a pulp, a block of manifolds, a pulp, a block of manifolds, a pump aggregate, a sand mixing equipment, and a contaminant, said underground equipment including a coupling clutch, an underground engine, a hydrojet perforator and a valve control system.

16. (Previously presented) A system as defined in claim 2, wherein said slot cutting means is operative for slot cutting which includes preliminarily determining a porosity of rock of the formation of the near well zone and a depth of a zone of support stresses, while the cyclical treatment is performed in dependence on the determined porosity and the depth.

17. (Currently amended) ~~A system as defined in claim 1~~ A system for increasing the productivity of oil, gas and hydrogeological wells, comprising means for cutting slots only in a near well zone so as to perform a partial unloading of the well and to remove a part of support stresses; and means for cyclically treating well with a formation-treating substance so as to remove a remaining part of the support stresses, with controlling a density

of a formation and correcting the cyclical treatment in correspondence with the density of the formation, wherein said cyclical treatment means includes means which, before each cycle, determine a radius of a zone of support pressure and a maximum stress acting in it, and perform the cyclical treatment for all parts of a formation adjoining the well including the zone of support pressure, and after each cycle of the cyclical treatment control a change of density or permeability of rock in the zone of support pressure.

18. (Currently amended) A system as defined in claim 4~~2~~; and further comprising means for introducing the formation-treating substance in form of jets.

19. (Currently amended) ~~A system as defined in claim 18~~ A system for increasing the productivity of oil, gas and hydrogeological wells, comprising means for cutting slots only in a near well zone so as to perform a partial unloading of the well and to remove a part of support stresses; and means for cyclically treating well with a formation-treating substance so as to remove a remaining part of the support stresses, with controlling a density of a formation and correcting the cyclical treatment in correspondence with the density of the formation, means for introducing the formation-treating substance in form of jets, wherein said introducing means introduce the formation-treating substance which includes solutions of  $\text{NaHSO}_4 \times \text{H}_2\text{O}$  and/or  $(\text{NH})_4\text{S}_7\text{O}_8$  with concentration 4-7% and with admixtures of anion

active surface active substance or a mixture of anion active and non  
ionogenic surface active substance with concentration 0.5-2%.